

Beginning Survey of Student Engagement (BUSSE): Reliability and validity

The BUSSE was contextualised from the Beginning College Survey of Student Engagement (BCSSE), used in the United States. Initial factor analysis on the South African version confirmed the scales/indicators' construct validity. The table below shows the most recent analyses of internal consistency (N=11,970). Visit <http://bcsse.indiana.edu/> for more information on the derivation of the BCSSE/BUSSE scales, or contact the SASSE team for additional information on the psychometric properties of the surveys.

Scale/indicator Reliability Coefficients 2018/9

Nr	Scale/indicator	High School/ Expected first year	Number of items	Cronbach's alpha
1	Learning Strategies (High School)	High School	3	0.66
2	Quantitative Reasoning	High School	3	0.62
3	Supportive Environment	Expected first year	6	0.77
4	Expected Perseverance	Expected first year	6	0.78
5	Student-Staff Interactions	Expected first year	4	0.81
6	Expected Difficulty	Expected first year	4	0.70
7	Expected Preparedness	Expected first year	7	0.86
8	Collaborative Learning	Expected first year	4	0.75
9	Discussions with Diverse Others	Expected first year	4	0.86